AMENDMENT UNDER 37 C.F.R. § 1.111

Application No.: 10/567,360

Attorney Docket No.: Q93023

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the

application:

LISTING OF CLAIMS:

1. (currently amended): A packing container having oxygen absorbing layers comprising

a base material resin component (component A) and an oxygen absorbing functional component

(component B), the oxygen absorbing layers having an islands-in-the-sea structure in which the

base material resin component (component A) is forming a sea portion of a continuous phase and

the oxygen absorbing functional component (component B) is forming island portions of a

dispersed phase, wherein the ratio (N/M) of the whole surface area (N cm²) of the island portions

of the oxygen absorbing functional component (component B) in the oxygen absorbing layers to

the volume (M cm³) of the packing container is not smaller than 20 (cm⁻¹),

wherein the island portions in the oxygen absorbing layers have an average particle

diameter of smaller than 3.5 µm.

2. (canceled).

3. (original): A packing container according to claim 1, wherein the base material resin

component (component A) is a thermoplastic polyester resin.

4. (original): A packing container according to claim 3, wherein the thermoplastic

polyester resin is a polyethylene terephthalate.

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5. (original): A packing container according to claim 1, wherein the oxygen absorbing

functional component (component B) comprises a gas barrier resin, an oxidizing organic

component and a transition metal catalyst.

6. (currently amended): A packing container according to claim 5, wherein the gas

barrier resin is a polyamide resin obtained by the polycondensation reaction of a diamine

component containing chiefly a xylylenediamine having a terminal amino group concentration of

not smaller than 40 eq/10⁶ g with a dicarboxylic acid component.;

7. (original): A packing container according to claim 5, wherein the oxidizing organic

component comprises a polymer derived from a polyene.

8. (original): A packing container according to claim 7, wherein the polymer derived

from a polyene is an acid-modified polyene polymer.

9. (original): A packing container according to claim 5, wherein the oxygen absorbing

functional component (component B) contains the oxidizing organic component in an amount of

0.01 to 10% by weight.

10. (original): A packing container according to claim 5, wherein the oxygen absorbing

functional component (component B) contains the transition metal catalyst in an amount of 100

to 3000 ppm calculated as transition metal atoms.

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11. (original): A packing container according to claim 5, wherein the transition metal

catalyst is a cobalt salt of carboxylic acid.

12. (original): A packing container according to claim 5, wherein the oxidizing organic

component is not existing in the sea portion.

13. (original): A packing container according to claim 1, wherein the oxygen absorbing

functional component (component B) comprises an oxidizing organic component and a transition

metal catalyst.

14. (original): A packing container according to claim 13 wherein the oxidizing organic

component is a polyamide resin obtained by the polycondensation reaction of a diamine

component containing chiefly a xylylenediamine having a terminal amino group concentration of

smaller than $40 \text{ eq}/10^6 \text{ g}$ with a dicarboxylic acid component.

15. (original): A packing container according to claim 1, wherein the packing container is

the one having a multi-layer structure laminating another layer on the oxygen absorbing layers.

16. (original): A packing container according to claim 15, wherein the oxygen absorbing

layers contain the oxygen absorbing functional component (component B) in an amount of 10 to

60% by weight.

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